612.45082X00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):

Isabelle REY-FABRET, et al.

Serial No.:

Not Yet Assigned

Filed:

June 8, 2005

For:

METHOD FOR MODELLING HYDRODYNAMIC CHARACTERISTICS OF MULTIPHASE FLOWS

BY NEURAL NETWORKS

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97 & 1.98

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 June 8, 2005

Sir:

In the matter of the above-identified application, applicant(s) are submitting herewith a copy of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted with the new application.

To the extent that the documents listed on the attached form equivalent to Form PTO-1449 are not in the English language, the requirement of 37 CFR 1.98(a)(3) for a concise explanation of the relevance is satisfied by the discussion of these documents in the specification.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 01-2135 (612.45082X00) and please credit any excess fees to such deposit account.

Respectfully submitted,

Alan E. Schiavelli

Registration No. 32,087

ANTONELLI, TERRY, STOUT & KRAUS, LLP

DES/AES/dc Attachments (703) 312-6600

JC12 Rec'd PCT/PTC 08 JUN 2005

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Substitute	e for form 1449A/PTO			С	Complete if Known		
_				Application Number			
	NFORMATION DI	SCLOSU	JRE	Filing Date	June 8, 2005		
	STATEMENT BY	APPLICA	NT	First Named Inventor	Isabelle REY-FABRET, et al.		
				Art Unit			
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Sheet	1	of	2	Attorney Docket Number	612.45082X00		

			U.S. PATENT	DOCUMENTS		
Examiner Initials'	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		US- 6,208,983 B1	3/27/2001	Parra et al.		
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FOREIGN PATENT DOCUMENTS							
Examiner Initials'	Cite No.1	Foreign Patent Document Country Code ³ —Number ⁴ –Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶	
		EP 1 217 474 A1	6/26/2002	Institut Francais Du Petrole		,	

Examiner	Date		
Signature	 Considered	 	

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

JC12 Rec'd PCT/PTC 0 8 July Bull (19403)

App or use through 10/31/2002. OMB 0551-0031

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Substitute for for	m 1449/PTO			10/538089 Complete If Known		
				Application Number		
INFO	RMATION	N DISC	LOSURE	Filing Date	June 8, 2005	
STATEMENT BY APPLICANT				First Named Inventor	Isabelle REY-FABRET, et al.	
				Group Art Unit		
	(use as many sh	eets as nec	essary)	Examiner Name		
Sheet	2	of	2	Attorney Docket Number	612.45082X00	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite, No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Peter WALTER, et al., "3D Object Recognition With A Specialized Mixtures of Experts Architecture", 1999 IEEE, pages 3563-3568.	
		Lin-Cheng WANG, et al., "A Modular Neural Network Vector Predictor For Predictive VQ", 1996 IEEE, pages 431-434.	
		Mirai TABUSE, et al., "Recurrent Neural Network Using Mixture of Experts for Time Series Processing", 1997 IEEE, pages 536-541.	

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Signature	Considered	

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